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Patent Abstracts of Japan

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09208120

APPLICANT: IDEMITSU PETROCHEM CO LTD;

INVENTOR :

YAMADA MOTOKI;

 $100y/[y\times(1-x/100)+x] \le 1.13z-16.6$

INT.CL.

: C08F210/06 C08K 3/34 C08L 23/10

//(C08L 23/10 , C08L 23:16)

TITLE

: POLYPROPYLENE-BASED RESIN AND

POLYPROPYLENE-BASED RESIN

COMPOSITION

ABSTRACT :

PROBLEM TO BE SOLVED: To obtain a polypropylene-based resin composition improved in flowabilily, rigidity, tensile elongation at break and impact resistance by mixing a polypropylene-based resin specified in melt index, xylene-solubles content, etc., with an ethylene and/or α-olefin copolymer and talc.

SOLUTION: This composition comprises 45-90 wt.% polypropylene resin characterized in that the MI is 30-70 g/10 min, the content (x) of xylene solubles at 25°C is 5-15 wt.%, the ethylene unit content (z) as determined by the isotope carbon nuclear magnetic resonance spectroscopy (13C-NMR) is 2.00 dl/g or above, the content of viscosity (at 135°C in decalin) is 2.00 dl/g or above, the content of xylene insolubles at 25°C and the ethylene unit content (y wt.%) as determined by the ¹³C-NMR satisfy the relationship, the content of components having molecular weights of 106 or above in a molecular weight distribution curve in terms of the polystyrene as determined by gel permeation chromatography is 2 wt.% or above, the MI is 40-130 g/10 min or above, etc., 5-50 wt.% copolymer based on ethylene and/or an α-olefin and 0-25 wt.% talc.

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16.08.96 JP 08216201 18.06.97 JP 09161525 (71) Applicant:

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(54) POLYPROPYLENE-BASED RESIN AND POLYPROPYLENE-BASED RESIN COMPOSITION

(57) Abstract:

(30) Priority:

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